



JUN 23 2022

Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
Manila

097.13 DPWH

07.07.2022

DEPARTMENT ORDER) **SUBJECT: : Guidelines and Procedures for the**
) **Calibration, Operation and**
) **Maintenance of the Inertial**
No. 155) **Profiler**
)
Series of 2022)
da 7/7/2022)

In line with the Department's continuing efforts to improve the delivery of quality infrastructure as stated in the ISO 9001:2015 Mission Statement, all concerned offices for road projects classified as national primary roads or within priority corridors which are implemented by the Unified Project Management Offices, Regional Offices and District Offices of the Department, are hereby required to implement the guidelines and procedures set forth in this Department Order.

1. During pre-construction stage, the implementing office shall inform the bidders of pavement smoothness requirements and ensure that International Roughness Index (IRI) value requirements are a stated requirement in the contract and indicated in the construction plan.
2. Upon completion of road projects which are classified as national primary roads or within priority corridors, heads of implementing offices shall request for measurement runs from the Bureau of Quality and Safety (BQS).
3. Measurement runs shall not be conducted without performing the inertial profiler calibration and verification testing.
4. Calibration and measurement runs shall be conducted by engineers from the BQS who have undergone the necessary training.
5. Calibration and measurement runs shall be witnessed by the representatives of the implementing office, contractor and consultant, if applicable. All witnesses shall be required to affix their signatures on the corresponding calibration and measurement run forms.
6. All inertial profilers shall be registered with the BQS for monitoring and inventory purposes. Refer to the Inertial Profiler Registration Form.
7. The Bureau of Equipment/Regional Offices shall ensure that funds are appropriated for the maintenance of the inertial profilers.

This Order likewise serves to supplement the implementation of Department Order No. 21, Series of 2019, regarding "Amendment to the Guidelines on Price Adjustment on Payment for Projects with Non-compliance with the prescribed IRI Value" and Department Order No. 48, Series of 2019, regarding "Guidelines on the Use of Inertial Profiler (IP) for Inspection and Acceptance of Pavement Along National Primary Roads".

All guidelines/issuances of the Department shall be periodically reviewed to ensure effective and efficient implementation of the QAP, and to check applicability to existing conditions and consistency to continuous innovations. As such, all outputs from the activities mentioned shall serve as an input for the formulation/enhancement of guidelines/issuances of the Department.

This order, which supports the QMS requirement on the Quality Assurance process, supersedes previous issuances inconsistent herewith and take effects immediately.



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15.1 MGM/RGM

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Office of the Secretary



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